

December 9, 2002

OMB No. 0651-0011 (12/31/86)  
Sheet 1 of 6

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

INFORMATION DISCLOSURE CITATION  
(Use Several Sheets If Necessary)

SIRF. P023. US. C 3

Applicant:

KOHLE et al

Filing Date:

HEREWITH

GROUP

2631 (PARENT)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE
<i>[Signature]</i>	Des. 314,713	02/19/91	Ciranny et al.	D10	61	
	Des. 314,963	02/26/91	Best et al.	D14	188	
	Des. 343,383	01/18/94	Hall et al.	D13	133	
	Des. 344,942	03/08/94	Gilman et al.	D14	155	
	Des. 346,170	04/19/94	Tang	D14	230	
	Des. 347,436	05/31/94	Tang	D14	230	
	Des. 354,451	01/17/95	Burrell et al.	D10	103	
	Des. 354,452	01/17/95	Burrell et al.	D10	103	
	Des. 361,569	08/22/95	Jervis	D14	230	
	Des. 363,488	10/24/95	Shumaker	D14	230	
	Des. 365,032	12/12/95	Laverick et al.	D10	78	
	Des. 365,292	12/19/95	Laverick et al.	D10	78	
	4,754,465	06/28/88	Trimble	375	1	
	4,758,959	07/19/88	Thoone et al.	364	454	
	4,847,862	07/11/89	Braisted et al.	375	1	
	4,910,526	03/20/90	Donnangelo et al.	342	455	
	4,922,212	05/01/90	Roberts et al.	331	176	
	4,928,106	05/22/90	Ashjaee et al.	342	352	
	4,970,523	11/13/90	Braisted et al.	342	418	
	5,043,736	08/27/91	Darnell et al.	342	357	
	5,075,694	12/24/91	Donnangelo et al.	342	455	
	5,089,822	02/18/92	Abaunza et al.	342	30	
	5,101,416	03/31/92	Fenton et al.	375	1	
	5,108,334	04/28/92	Eschenbach et al.	455	314	
<i>[Signature]</i>	5,111,150	05/05/92	Casey	328	155	

EXAMINER

DATE CONSIDERED

EXAMINER

Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

(258711.1)

Form PTO-FB-A820  
(also form PTO-1449)

December 9, 2002

OMB No. 0651-0011 (12/31/86)  
Sheet 3 of 6

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SIRF. PC23. US. C 3

Applicant:

KOHLE et al

Filing Date:

HEREWITH

SERIAL NO.

10/246,584 (PARENT)

10/813,387

GROUP

2631 (PARENT)

INFORMATION DISCLOSURE CITATION  
(Use Several Sheets if Necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE
<i>CB</i>	5,134,407	07/28/92	Lorenz et al.	342	352	
	5,144,318	09/01/92	Kishi	342	357	
	5,148,179	09/15/92	Allison	342	357	
	5,157,697	10/20/92	Anvari et al.	375	102	
	5,165,109	11/17/92	Han et al.	343	700	
	5,173,715	12/22/92	Rodal et al.	343	795	
	5,187,450	02/16/93	Wagner et al.	331	96	
	5,202,694	04/13/93	Farmer et al.	342	357	
	5,202,829	04/13/93	Geier	364	449	
	5,219,067	06/15/93	Lima et al.	200	302.2	
	5,223,844	06/29/93	Mansell et al.	342	357	
	5,239,669	08/24/93	Mason et al.	455	12.1	
	5,247,469	09/21/93	McCune, Jr.	364	721	
	5,265,025	11/23/93	Hirata	364	449	
	5,268,064	12/07/93	Woo et al.	156	630	
	5,258,695	12/07/93	Dentinger et al.	342	357	
	5,272,485	12/21/93	Mason et al.	343	700	
	5,282,228	01/25/94	Scott et al.	375	97	
	5,293,170	03/08/94	Lorenz et al.	342	352	
	5,296,861	03/22/94	Knight	342	357	
	5,306,971	04/26/94	McCune	307	603	
	5,311,149	05/10/94	Wagner et al.	331	1 A	
	5,311,197	05/10/94	Sorden et al.	342	457	
	5,313,069	05/17/94	Tham	250	561	
<i>CB</i>	5,313,457	05/17/94	Hostetter et al.	370	18	

EXAMINER

*J. Boocure*

DATE CONSIDERED

*2/2/07*

EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

[258711.1]

Form PTO-FB-A820  
(also form PTO-1449)

December 9, 2002

OMB No. 0651-0011 (12/31/86)

Sheet 3 of 6

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SIRF. P23. U.S. C 3

Applicant:

KOHLE et al

Filing Date:

HEREWITH

SERIAL NO.

10/246,584 (PARENT)

10/813,387

GROUP

2631 (PARENT)

## INFORMATION DISCLOSURE CITATION

(Use Several Sheets If Necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE
EB	5,319,374	06/07/94	Desai et al.	342	387	
	5,321,799	06/14/94	McCune, Jr.	395	140	
	5,323,322	06/21/94	Mueller	364	449	
	5,334,974	08/02/94	Simms et al.	340	990	
	5,337,243	08/09/94	Shibata et al.	364	449	
	5,345,244	09/06/94	Gildea et al.	342	357	
	5,347,546	09/13/94	Abadi et al.	375	75	
	5,349,530	09/20/94	Odagawa	364	449	
	5,355,140	10/11/94	Slavin et al.	342	386	
	5,365,192	11/15/94	Wagner et al.	330	252	
	5,365,451	11/15/94	Wang et al.	364	449	
	5,365,516	11/15/94	Jandrell	370	18	
	5,367,463	11/22/94	Tsuji	364	449	
	5,375,059	12/20/94	Kyrtos et al.	364	449	
	5,383,127	01/17/95	Shibata	364	449	
	5,390,207	02/14/95	Fenton et al.	375	1	
	5,402,347	03/28/95	McBurney et al.	364	443	
	5,402,450	03/28/95	Lennen	375	343	
	5,406,491	04/11/95	Lima	364	449	
	5,408,193	04/18/95	Rodal	327	559	
	5,412,660	05/02/95	Chen et al.	370	110.1	
	5,412,687	05/02/95	Sutton et al.	375	202	
	5,414,729	05/09/95	Fenton	375	209	
	5,416,712	05/16/95	Geier et al.	364	450	
EB	5,418,537	05/23/95	Bird	342	357	

EXAMINER

J. Bocuse

DATE CONSIDERED

7/7/02

EXAMINER

Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

(258711.1)

Form PTO-FB-A820

(also form PTO-1449)

December 9, 2002

OMB No. 0651-0011 (12/31/86)  
Sheet 4 of 6

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

INFORMATION DISCLOSURE CITATION  
(Use Several Sheets if Necessary)

SIRF. PC23. US. C 3

Applicant:

Kottli et al

Filing Date:

HEREWITH

GROUP

2631 (PARENT)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE
JS	5,420,593	05/30/95	Niles	342	357	
	5,422,813	06/06/95	Schuchman et al.	364	449	
	5,422,814	06/06/95	Sprague et al.	364	449	
	5,422,816	06/06/95	Sprague et al.	364	449	
	5,424,953	06/13/95	Masumoto et al.	364	449	
	5,430,654	07/04/95	Kyrtos et al.	364	449	
	5,432,841	07/11/95	Rimer	379	59	
	5,436,632	07/25/95	Sheynblat	342	357	
	5,448,773	09/05/95	McBurney et al.	455	343	
	5,450,344	09/12/95	Woo et al.	364	449	
	5,450,448	09/12/95	Sheynblat	375	346	
	5,452,211	09/19/95	Kyrtos et al.	364	449	
	5,465,413	11/07/95	Enge et al.	455	307	
	5,467,095	11/14/95	Rodal et al.	343	700	
	5,469,360	11/21/95	Ihara et al.	364	449	
	5,471,218	11/28/95	Talbot et al.	342	357	
	5,479,351	12/26/95	Woo et al.	364	449	
	5,485,161	01/16/96	Vaughn	342	357	
	5,485,163	01/16/96	Singer et al.	342	457	
	5,486,834	01/23/96	Lennen	342	357	
	5,490,076	02/06/96	Rawicz et al.	364	459	
	5,493,588	02/20/96	Lennen	375	343	
	5,493,694	02/20/96	Vicek et al.	455	53.1	
	5,495,257	02/27/96	Loomis	342	357	
	5,495,499	02/27/96	Fenton et al.	735	205	

EXAMINER

DATE CONSIDERED

EXAMINER

Initial if reference considered; whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

[258711.1]

Form PTO-FB-A820

(also form PTO-1449)

December 9, 2002

OMB No. 0651-0011 (12/31/86)  
Sheet 5 of 6

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SIRF.PC23.US.C3

SERIAL NO.

10240,582 (PARENT)

## INFORMATION DISCLOSURE CITATION

(Use Several Sheets if Necessary)

Applicant:

KOHLE et al

Filing Date:

HEREWITH

GROUP

2631 (PARENT)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE
JB	5,504,491	04/02/96	Chapman	342	357	
	5,541,845	07/30/96	Klein	364	449	
	5,619,212	04/08/97	Counselman, III	342	357	
	5,109,344	04/28/92	Kakihara et al.	364	449	
	5,119,101	06/02/92	Barnard	342	357	
	5,146,471	09/08/92	Cowart	375	1	
	5,225,842	07/06/93	Brown et al.	342	357	
	5,266,948	11/20/93	Matsumoto	340	995	
	5,323,152	06/21/94	Morita	340	988	
	5,347,284	09/13/94	Volpi et al.	342	356	
	5,347,536	09/13/94	Meehan	375	1	
	5,537,121	07/16/96	Lerinen	342	537	
	5,552,990	09/03/96	Ihara et al.	364	444	
	5,612,972	03/18/97	Fukushi et al.	375	206	
	4,890,233	12/26/89	Ando et al.	364	457	
	4,965,586	10/23/90	O'Neill et al.	342	357	
	5,210,540	05/11/93	Masumoto	342	357	
	5,610,815	03/11/97	Gudat et al.	364	424	
	5,390,124	02/14/95	Kyrtos	364	449	
	4,894,662	01/16/90	Counselman	342	357	
	5,329,549	07/12/94	Kawasaki	375	1	
	4,807,256	02/21/89	Holmes et al.	375	97	
	5,185,610	02/93	Ward et al.	342	357	
	5,724,046	03/98	Martin et al.	275	200	
JB						

EXAMINER

S. Pearce

DATE CONSIDERED

7/7/02

EXAMINER

Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

258711.1]

Form PTO-FB-A820  
(also form PTO-1449)

December 9, 2002

OMB No. 0651-0011 (12/31/86)  
Sheet 6 of 6

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SIRF.PC23.US.C3

Applicant:

Kottl et al

Filing Date:

HEREWITH

SERIAL NO.

207246,584 (PARENT)

GROUP

2631 (PARENT)

INFORMATION DISCLOSURE CITATION.  
(Use Several Sheets if Necessary)

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		PUBLICATION NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
OB		0 501.828 A1	09/02/92	EPO	G01S	5/14	X	
		0 501 829 A1	09/02/92	EPO	G01S	5/14/	X	
		0 511 741 A1	11/04/92	EPO	G01S	5/08	X	
		2 712 095	05/12/95	France	G02S	13/88		X
		0 436 854 A2	07/17/91	EPO	G01S	5/14	X	
		0 635 728 A1	01/25/95	EPO	G01S	5/14	X	
		0 689 034 A1	12/27/95	EPO	G01C	21/20	X	
		WO 95/08779	03/30/95	PCT	G01S	5/02	X	

EXAMINER

DATE CONSIDERED

EXAMINER

Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

10/813,387

<b>Notice of References Cited</b>	Application/Control No. <del>10/246,584 (PARENT)</del>	Applicant(s)/Patent Under Reexamination KOHLI ET AL.	
	Examiner Tesfaldet Bocure (PARENT)	Art Unit 2631 (PARENT)	Page 1 of 3

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-4,754,465	06-1988	Trimble, Charles R.	375/376
*	B	US-4,758,959	07-1988	Thoone et al.	701/221
*	C	US-4,807,256	02-1989	Holmes et al.	375/344
*	D	US-4,847,862	07-1989	Braisted et al.	375/376
*	E	US-4,890,233	12-1989	Ando et al.	701/224
*	F	US-4,894,662	01-1990	Counselman, Charles C.	342/357.12
*	G	US-4,910,526	03-1990	Donnangelo et al.	342/455
*	H	US-4,922,212	05-1990	Roberts et al.	331/176
*	I	US-4,928,106	05-1990	Ashjaee et al.	342/352
*	J	US-4,965,586	10-1990	O'Neill et al.	342/357.17
*	K	US-4,970,523	11-1990	Braisted et al.	342/418
*	L	US-5,043,736	08-1991	Darnell et al.	342/357.1
*	M	US-5,075,694	12-1991	Donnangelo et al.	342/455

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

RTO 1449

10/813, 387

<b>Notice of References Cited</b>	Application/Control No. <del>10/246,584 (PARENT)</del>	Applicant(s)/Patent Under Reexamination KOHLI ET AL.	
	Examiner Tesfaldet Bocure (PARENT)	Art Unit 263 (PARENT)	Page 2 of 3

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-5,089,822	02-1992	Abaunza et al.	342/30
*	B	US-5,101,416	03-1992	Fenton et al.	375/150
*	C	US-5,108,334	04-1992	Eschenbach et al.	455/314
*	D	US-5,109,344	04-1992	Kakihara et al.	701/209
*	E	US-5,111,150	05-1992	Casey, David D.	327/237
*	F	US-5,119,101	06-1992	Barnard, Michael E.	342/357.05
*	G	US-5,134,407	07-1992	Lorenz et al.	342/352
*	H	US-5,144,318	09-1992	Kishi, Hisao	342/357.15
*	I	US-5,185,610	02-1993	Ward et al.	342/357.11
*	J	US-5,390,207	02-1995	Fenton et al.	375/149
*	K	US-5,347,536	09-1994	Meehan, Thomas K.	375/148
*	L	US-5,402,450	03-1995	Lennen, Gary R.	375/343
*	M	US-5,495,499	02-1996	Fenton et al.	370/479

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	<i>S. Bocure</i> 7/2/07

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

PSO 1449

10/813,387

## Notice of References Cited

Application/Control No.

~~10/246,584 (PARENT)~~Applicant(s)/Patent Under  
Reexamination  
KOHLI ET AL.

Examiner

Tesfaldet Bocure (PARENT)

Art Unit

2631 (PARENT)

Page 3 of 3

## U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-5,724,046	03-1998	Martin et al.	342/357.12
*	B	US-6,249,542	06-2001	Kohli et al.	375/150
*	C	US-6,466,612	10-2002	Kohli et al.	375/150
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

## FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

## NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	5. Bocure 2/2/07

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
 Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.